

IMD 210

Nominal Airflow: 900 l/s

Cooling Capacity (kW)

Entering Air Temperature 23°C D.B., 17°C W.B.

Total = Total Capacity (kW); Sens. = Sensible Capacity (kW)

Note: Cooling capacities are based on the nominal airflow.

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C									
			5		6		7		8		9	
			Total	Sens.	Total	Sens.	Total	Sens.	Total	Sens.	Total	Sens.
1 ROW	0.09	14.3	4.0	3.9	3.7	3.7	3.5	3.5	3.3	3.3	3.1	3.1
	0.12	24.8	4.7	4.1	4.4	4.0	4.0	3.9	3.7	3.7	3.4	3.4
	0.14	32.0	5.2	4.3	4.8	4.2	4.4	4.0	4.0	3.9	3.7	3.7
4 ROWS	0.40	9.5	13.9	11.0	12.8	10.6	11.8	10.1	10.7	9.7	9.8	9.3
	0.60	19.6	16.4	12.0	15.2	11.5	13.9	11.0	12.7	10.5	11.4	10.0
	0.80	33.5	18.2	12.8	16.8	12.2	15.4	11.6	14.0	11.0	12.5	10.4

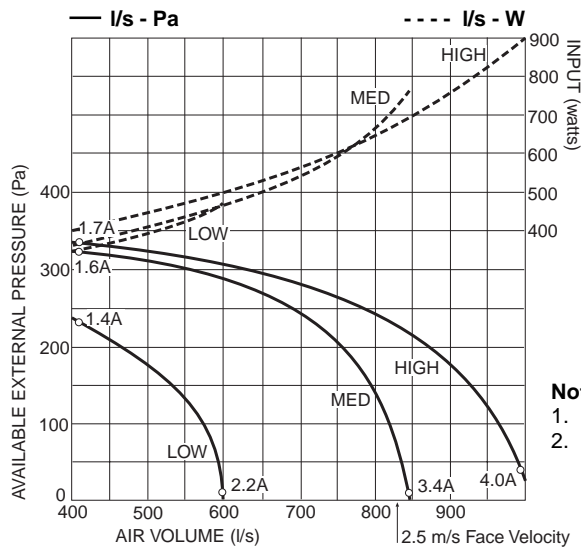
Heating Capacity (kW)

Entering Air Temperature 21°C

Note: Heating capacities are total - based on the nominal airflow. Electric Heating option: 9 kW

COIL	WATER FLOW (l/s)	PRESSURE DROP (kPa)	ENTERING WATER TEMPERATURE °C									
			40	45	50	55	60	65	70	75	80	
1 ROW	0.08	8.4	4.4	5.6	6.8	7.9	9.1	10.3	11.4	12.6	13.8	
	0.12	17.3	5.3	6.8	8.2	9.6	11.1	12.4	13.8	15.2	16.6	
	0.16	28.8	6.0	7.5	9.1	10.7	12.2	13.8	15.4	16.9	18.5	

Air Handling



Sound Levels

Test Conditions: JIS 8616. 1 m ducting with 25 mm insulation. Sound Pressure Levels are at 1 m from source.

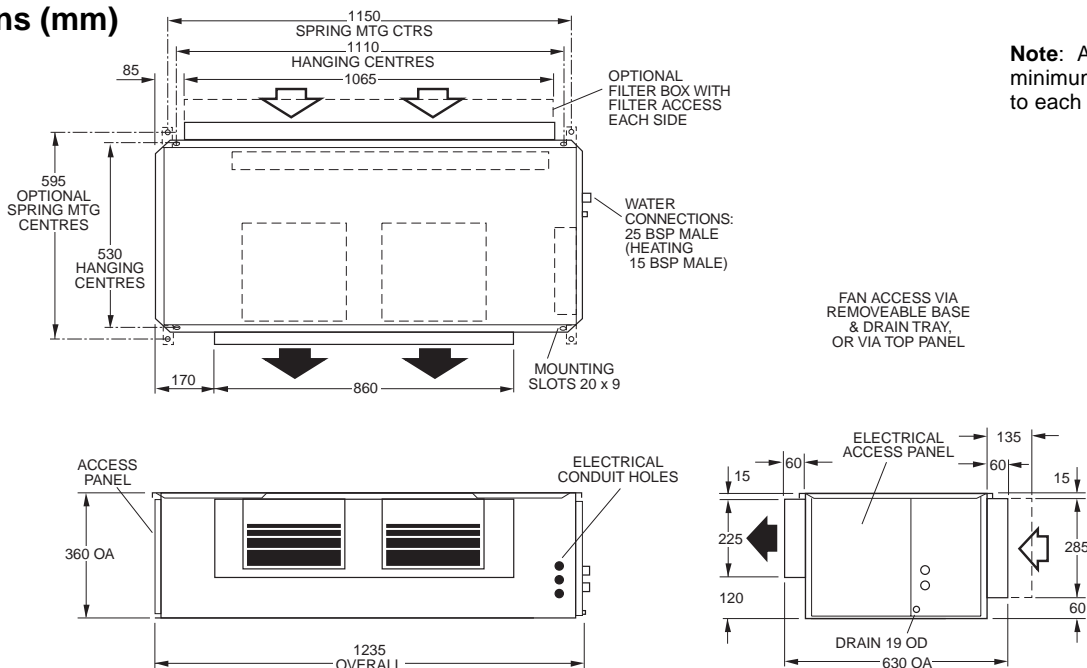
FAN SPEED	SPL dB(A)	SWL dB(A)	OCTAVE BAND FREQ. Hz					
			125	250	500	1 k	2 k	4 k
LOW	44	54	52	54	54	47	42	38
MED	51	61	59	62	59	56	50	48
HIGH	55	65	62	65	62	61	54	52

Note:

- Air flows given are for a unit with no filter installed.
- In a free blow application, beware of exceeding indoor fan motor's full load amp limit.

Dimensions (mm)

Not to Scale



Note: Allow 500 mm minimum clearance to each access panel